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The Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

ATTN: Mail Stop Patent Applications

Sir:

Transmitted herewith for filing is the patent application of: Neelesh B. Mehta, Pallav Sudarshan, Andreas F. Molisch, and Jinyun Zhang.

FOR: SPACE TIME TRANSMIT DIVERSITY WITH SUBGROUP RATE CONTROL AND SUBGROUP ANTENNA SELECTION IN MULTI-INPUT MULTI-OUTPUT COMMUNICATIONS SYSTEMS

Enclosed are:

- [14] pages of specification, claims and abstract
- [4] sheet of formal drawings
- [X] Declaration and Power of Attorney
- [X] Assignment of the application
- [X] Information Disclosure Statement

The filing fee is calculated as follows:

CLAIMS AS FILED			AMOUNT
NUMBER FILED	NUMBER EXTRA	LARGE ENTITY	
<u>Basic Fee</u>			\$ 770.00
<u>Total Claims</u>	8 -20 = 1	x 18.00	\$ 0.00
<u>Independent</u>			
<u>Claims</u>	2 -3 =	\$80.00	\$ .00
<u>Assignment</u>			
<u>Recording Fee</u>		40.00	\$ 40.00
<u>Multiple Dependent Claim</u>			
<u>Fee</u>		270.00	
<u>Other</u>			
			TOTAL FEE \$ 810.00

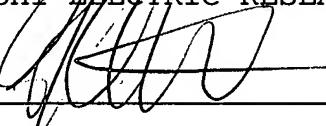
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- Check in the amount of \_\_\_\_\_ for Filing Fee.
- The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

All future correspondence should be addressed to:

Patent Department  
Mitsubishi Electric Research Laboratories, Inc.  
201 Broadway  
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,  
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: 

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